

[54] **SNAP ACTION SWITCH**

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[58] **Field of Search** **200/67 DA, 67 DB, 83 N, 200/159 B, 5; 267/159; 337/379; 235/145 R**

3,591,749 7/1971 Comstock 200/159 B
3,603,756 9/1971 Carpentier 200/159 B

FOREIGN PATENTS OR APPLICATIONS

686,430 5/1964 Canada 235/145 R

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[57] **ABSTRACT**

An electromechanical switch that includes an electrically conductive sheet having a spring-like pattern of apertures therethrough, a printed circuit electrical conductor and an apertured insulating spacer therebetween for permitting the center portion of the pattern to make electrical contact therewith when the pattern is forced out of the plane of the conductive sheet by an actuatable plunger.

[56] **References Cited**

UNITED STATES PATENTS

3,600,528 8/1971 Leposavic 200/159 B
3,133,170 5/1964 Nanninga 200/67 DB

1 Claim, 4 Drawing Figures

